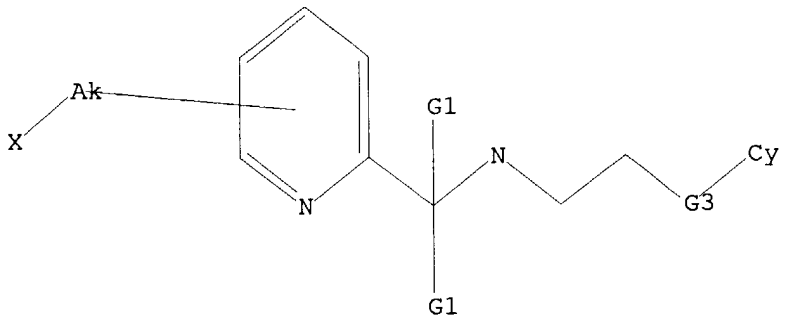
STR

L10



G1 H,Ak,Cb

G2 C,N

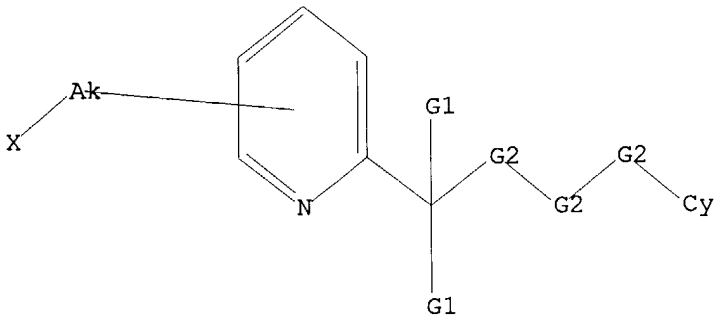
G3 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

=>
Uploading C:\Program Files\Stnexp\Queries\049976.str

L11 STRUCTURE UPLOADED

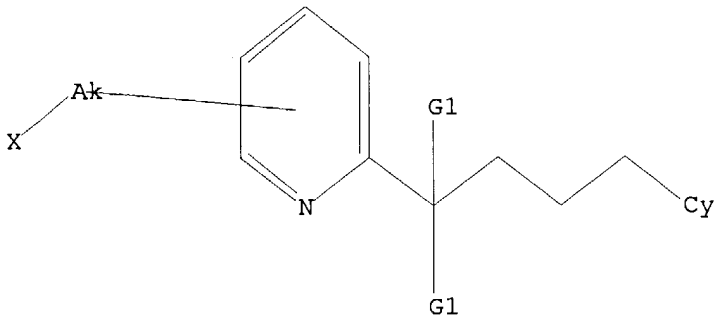
=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 H,Ak,Cb

G2 C,N

RL12



G1 H,Ak,Cb

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

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=> s l8 sss full
FULL SEARCH INITIATED 15:13:40 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  38431 TO ITERATE

100.0% PROCESSED   38431 ITERATIONS                          50 ANSWERS
SEARCH TIME: 00.00.01

L13           50 SEA SSS FUL L8

=> s l9 sss full
FULL SEARCH INITIATED 15:13:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 223686 TO ITERATE

100.0% PROCESSED  223686 ITERATIONS                         385 ANSWERS
SEARCH TIME: 00.00.04

L14          385 SEA SSS FUL L9

=> s l12 sss full
FULL SEARCH INITIATED 15:14:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  23798 TO ITERATE

100.0% PROCESSED   23798 ITERATIONS                           3 ANSWERS
SEARCH TIME: 00.00.01

L15            3 SEA SSS FUL L12

=> file caplus
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY    SESSION
FULL ESTIMATED COST                           469.20     842.61

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                              ENTRY    SESSION
CA SUBSCRIBER PRICE                             0.00      -6.93

FILE 'CAPLUS' ENTERED AT 15:14:29 ON 27 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 27 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 26 May 2004 (20040526/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s l13
L16          1 L13

=> s l14 not l15
            13 L14
             3 L15
L17         10 L14 NOT L15

=> d l16 ibib abs hitstr
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L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:136943 CAPLUS
DOCUMENT NUMBER: 134:174246
TITLE: Preparation of pyridine derivative fungicides
INVENTOR(S): Cooke, Tracey; Hardy, David; Moloney, Brian; Thomas, Peter Stanley; Steele, Chris Richard; Briggs, Geoffrey Gower
PATENT ASSIGNEE(S): Aventis CropScience GmbH, Germany
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001011965	A1	20010222	WO 2000-EP8143	20000809
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013371	A	20020507	BR 2000-13371	20000809
EP 1204323	A1	20020515	EP 2000-960499	20000809

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

JP 2003506465 T2 20030218 JP 2001-516328 20000809

PRIORITY APPLN. INFO.: GB 1999-19499 A 19990818
GB 1999-19500 A 19990818
WO 2000-EP8143 W 20000809

present case

OTHER SOURCE(S): MARPAT 134:174246

AB The pyridine derivs. A1CR1R2LA2 [A1 = (un)substituted 2-pyridyl or its N-oxide; Y = LA2 or L1A3; A2, A3 = (un)substituted carbocyclyl or heterocyclyl; L = NR5C(:X)NR6, NR5C(:X)CHR3, CHR3NR5CHR4, etc.; L1 = NR9C(:X)X1CHR7, NR9C(:X)CHR7CHR8, etc.; R1-9 = CN, NO2, halo, etc.] are prepared as agrochem. fungicides.

IT **326816-46-0P 326816-50-6P 326816-51-7P**
326816-52-8P 326816-57-3P 326816-58-4P
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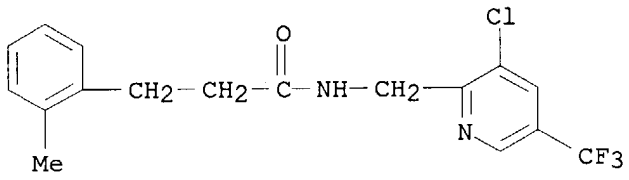
326816-98-2P 326816-99-3P 326817-00-9P
326817-01-0P 326817-10-1P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as fungicide)

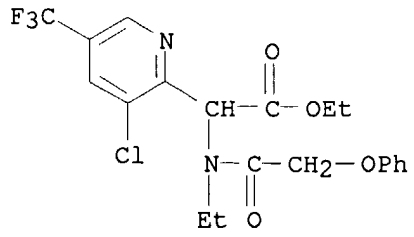
RN 326816-46-0 CAPLUS

CN Benzenepropanamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)

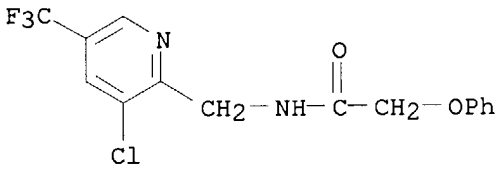


RN 326816-50-6 CAPLUS

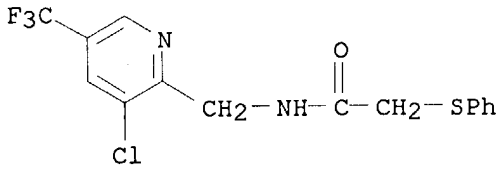
CN 2-Pyridineacetic acid, 3-chloro-α-[ethyl(phenoxyacetyl)amino]-5-(trifluoromethyl)-, ethyl ester (9CI) (CA INDEX NAME)



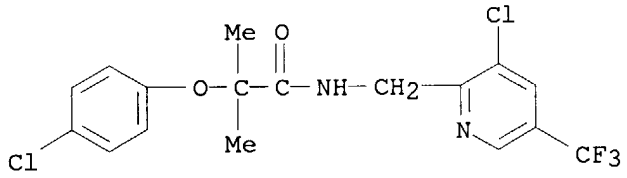
RN 326816-51-7 CAPLUS
CN Acetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-phenoxy- (9CI) (CA INDEX NAME)



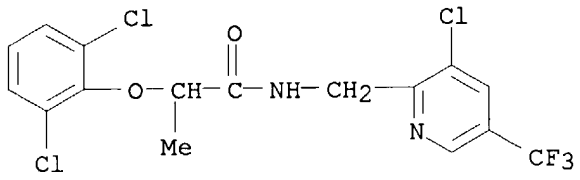
RN 326816-52-8 CAPLUS
CN Acetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(phenylthio)- (9CI) (CA INDEX NAME)



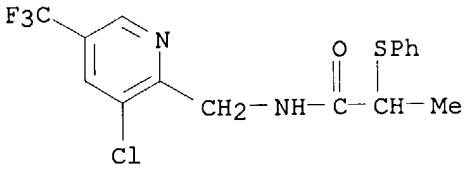
RN 326816-57-3 CAPLUS
CN Propanamide, 2-(4-chlorophenoxy)-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-methyl- (9CI) (CA INDEX NAME)



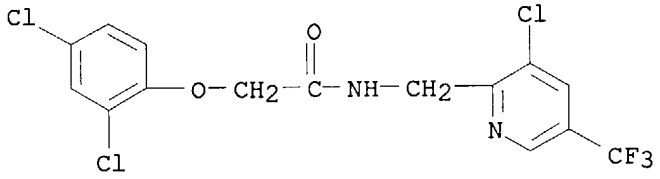
RN 326816-58-4 CAPLUS
CN Propanamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(2,6-dichlorophenoxy)- (9CI) (CA INDEX NAME)



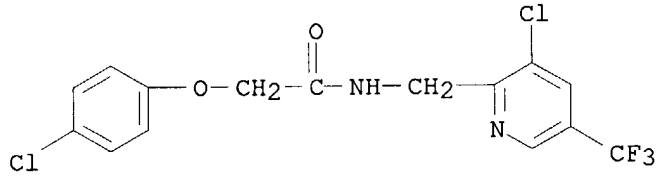
RN 326816-59-5 CAPLUS
CN Propanamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(phenylthio)- (9CI) (CA INDEX NAME)



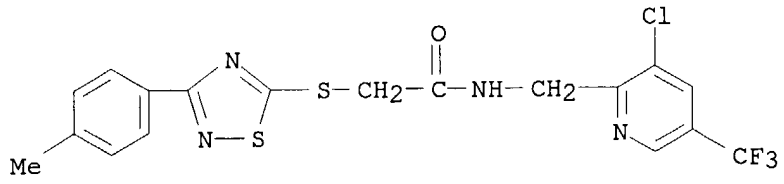
RN 326816-60-8 CAPLUS
CN Acetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(2,4-dichlorophenoxy)- (9CI) (CA INDEX NAME)



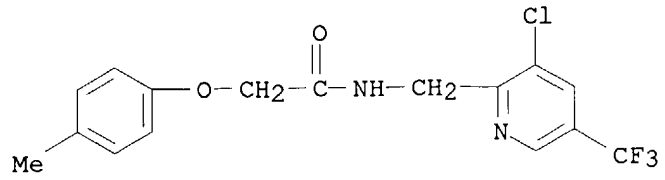
RN 326816-61-9 CAPLUS
CN Acetamide, 2-(4-chlorophenoxy)-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)

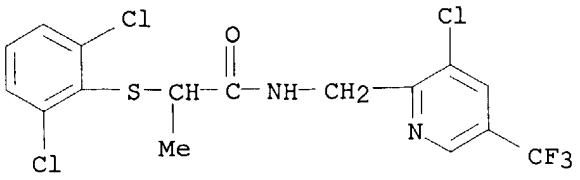


RN 326816-62-0 CAPLUS
CN Acetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-[[3-(4-methylphenyl)-1,2,4-thiadiazol-5-yl]thio]- (9CI) (CA INDEX NAME)

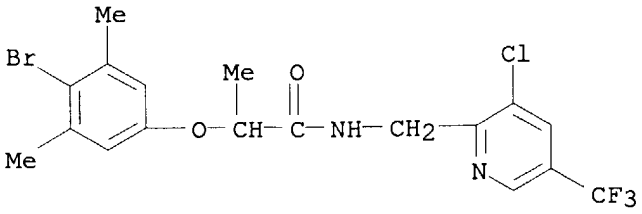


RN 326816-63-1 CAPLUS
CN Acetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(4-methylphenoxy)- (9CI) (CA INDEX NAME)

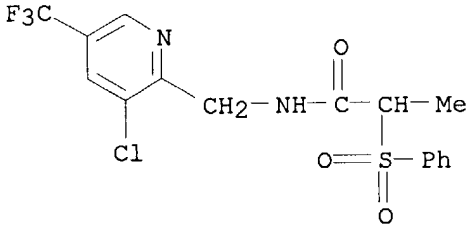




RN 326817-01-0 CAPLUS
CN Propanamide, 2-(4-bromo-3,5-dimethylphenoxy)-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



RN 326817-10-1 CAPLUS
CN Propanamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L17 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:162541 CAPLUS
DOCUMENT NUMBER: 140:176744
TITLE: Preparation of 2-pyridylethylbenzamide derivative fungicides
INVENTOR(S): Mansfield, Darren James; Cooke, Tracey; Thomas, Peter Stanley; Coqueron, Pierre-Yves; Vors, Jean-Pierre; Briggs, Geoffrey Gower; Lachaise, Helene; Rieck, Heiko; Desbordes, Philippe; Grosjean-Cournoyer, Marie-Claire
PATENT ASSIGNEE(S): Bayer Cropscience S. A., Fr.
SOURCE: PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2

Date not good

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016088	A2	20040226	WO 2003-EP9516	20030808
WO 2004016088	A3	20040325		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1389614	A1	20040218	EP 2002-356159	20020812

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

PRIORITY APPLN. INFO.: EP 2002-356159 A 20020812
FR 2003-5233 A 20030429

OTHER SOURCE(S): MARPAT 140:176744

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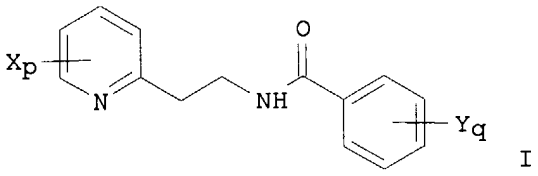

I

AB The 2-pyridylethylbenzamide derivs. I, in which p is 1, 2, 3 or 4; q is 1, 2, 3, 4 or 5; X is chosen, halo, alkyl or haloalkyl, at least one of the substituents being a haloalkyl; Y is halo, alkyl, alkenyl, alkynyl, haloalkyl, alkoxy, amino, phenoxy, alkylthio, dialkylamino, acyl, cyano, ester, hydroxy, aminoalkyl, benzyl, haloalkoxy, halosulfonyl, halothioalkyl, alkoxyalkenyl, alkylsulfonamide, nitro, alkylsulfonyl, phenylsulfonyl or benzylsulfonyl; as well as I N-oxides are prepared as fungicides. N-{2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-ethyl}-2,6-dichlorobenzamide is an exception. Method for treating phytopathogenic diseases.

IT **658066-16-1P 658066-17-2P 658066-18-3P**
658066-19-4P 658066-20-7P 658066-21-8P
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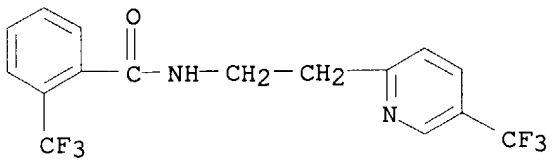
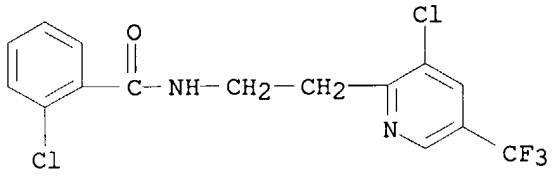
659745-43-4P 659745-44-5P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as fungicide)

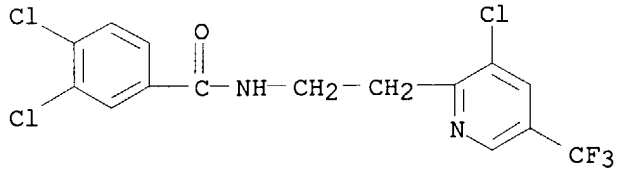
RN 658066-16-1 CAPLUS
CN Benzamide, 2-(trifluoromethyl)-N-[2-[5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)



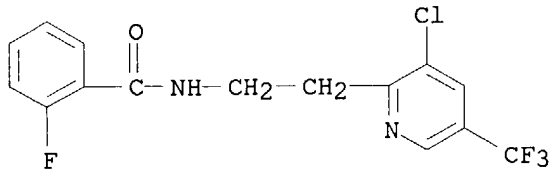
RN 658066-17-2 CAPLUS
CN Benzamide, 2-chloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)



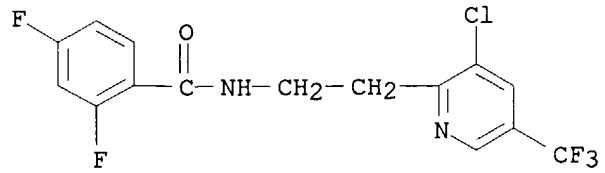
RN 658066-18-3 CAPLUS
CN Benzamide, 3,4-dichloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)

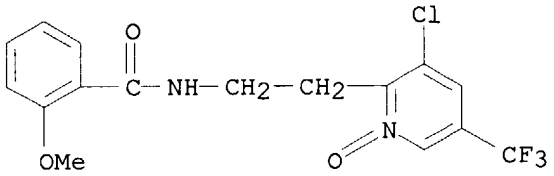


RN 658066-19-4 CAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-fluoro- (9CI) (CA INDEX NAME)

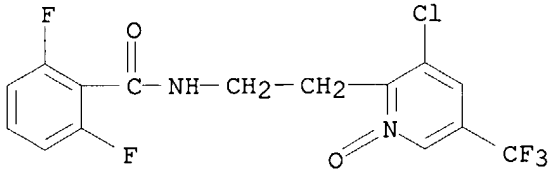


RN 658066-20-7 CAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2,4-difluoro- (9CI) (CA INDEX NAME)

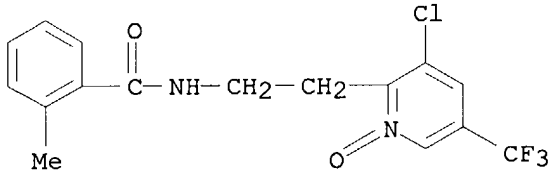




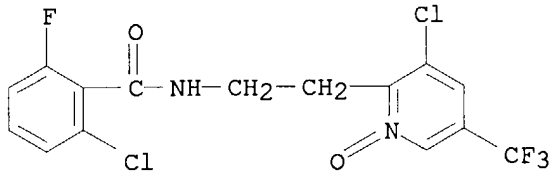
RN 659745-42-3 CAPLUS
CN Benzamide, N-[2-[3-chloro-1-oxido-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2,6-difluoro- (9CI) (CA INDEX NAME)



RN 659745-43-4 CAPLUS
CN Benzamide, N-[2-[3-chloro-1-oxido-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-methyl- (9CI) (CA INDEX NAME)



RN 659745-44-5 CAPLUS
CN Benzamide, 2-chloro-N-[2-[3-chloro-1-oxido-5-(trifluoromethyl)-2-pyridinyl]ethyl]-6-fluoro- (9CI) (CA INDEX NAME)



L17 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:136478 CAPLUS
DOCUMENT NUMBER: 140:181332
TITLE: Preparation of N-[2-(2-pyridyl)ethyl]benzamides as fungicides
INVENTOR(S): Mansfield, Darren James; Cooke, Tracey; Thomas, Peter Stanley; Vors, Jean-Pierre; Coqueron, Pierre-Yves; Briggs, Geoffrey Gower; Lachaise, Helene
PATENT ASSIGNEE(S): Bayer Cropscience S.A., Fr.
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

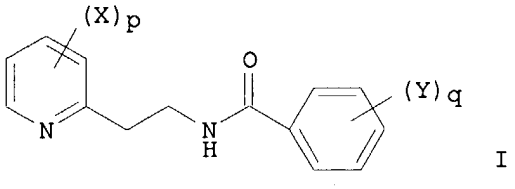
date not good

LANGUAGE: French
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1389614	A1	20040218	EP 2002-356159	20020812
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO 2004016088	A2	20040226	WO 2003-EP9516	20030808
WO 2004016088	A3	20040325		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: EP 2002-356159 A 20020812
FR 2003-5233 A 20030429

OTHER SOURCE(S): MARPAT 140:181332
GI



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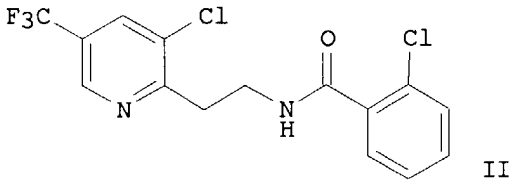


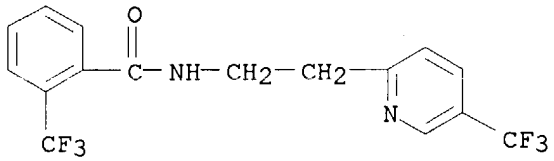
II

AB Title compds. I [wherein X = independently halo, halogeno/alkyl; Y = independently halo, halogeno/alkyl, alkoxy, phenoxy, alkylthio, dialkylamino, acyl, CN, NO2, alkylsulfonyl, phenylsulfonyl, benzylsulfonyl, S-Ph substituted by a halogen; p = 1-4; q = 1-5; with the exception of N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2,6-dichlorobenzamide] were prepared as fungicides, in particular as fungicidal compns. for controlling phytopathogenic fungi of crops. For example, II was prepared in 4 steps by reaction of 2,3-dichloro-5-(trifluoromethyl)pyridine with Me cyanoacetate in DMF, decarboxylation in H2O/DMSO, Pd/C hydrogenation, and acylation with 2-chlorobenzoyl chloride. In vivo tests of activity upon Alternaria brassicae, Botrytis cinerea, Pyrenophora teres, and Septoria nodorum by selected I are reported,

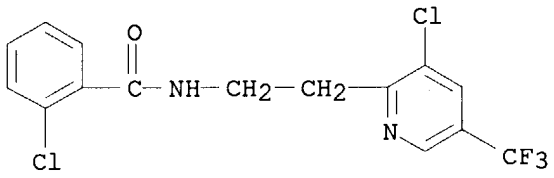
demonstrating their fungicide efficiency (no data). Fungicidal compns. contain 0.05 to 99% active pyridylethylbenzamide.

IT **658066-16-1P 658066-17-2P 658066-18-3P**
658066-19-4P 658066-20-7P 658066-21-8P
658066-22-9P 658066-23-0P 658066-24-1P
658066-25-2P 658066-26-3P 658066-27-4P
658066-28-5P 658066-29-6P 658066-30-9P
658066-31-0P 658066-32-1P 658066-33-2P
658066-34-3P 658066-35-4P 658066-36-5P
658066-37-6P 658066-38-7P 658066-39-8P
658066-40-1P 658066-41-2P 658066-42-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(fungicide; preparation of fungicidal pyridylethylbenzamides)

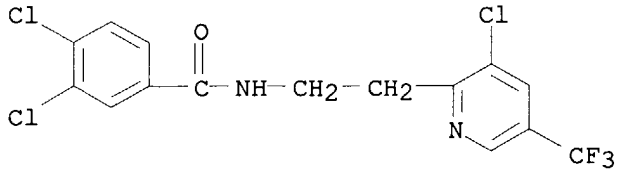
RN 658066-16-1 CAPLUS
CN Benzamide, 2-(trifluoromethyl)-N-[2-[5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)



RN 658066-17-2 CAPLUS
CN Benzamide, 2-chloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)

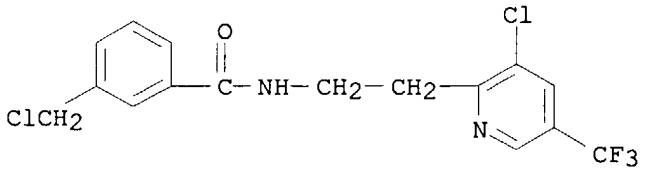


RN 658066-18-3 CAPLUS
CN Benzamide, 3,4-dichloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)



RN 658066-19-4 CAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-fluoro- (9CI) (CA INDEX NAME)

RN 658066-42-3 CAPLUS
CN Benzamide, 3-(chloromethyl)-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)

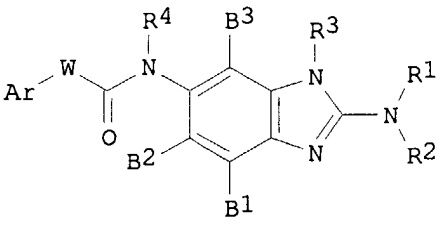


L17 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:101143 CAPLUS
DOCUMENT NUMBER: 140:146168
TITLE: Antagonist of melanin-concentrating hormone receptor comprising benzimidazole derivative as active ingredient
INVENTOR(S): Moriya, Minoru; Kanatani, Akio; Iwaasa, Hisashi; Ishihara, Akane; Fukami, Takehiro
PATENT ASSIGNEE(S): Banyu Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004011440	A1	20040205	WO 2003-JP9610	20030729

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: JP 2002-220905 A 20020730
OTHER SOURCE(S): MARPAT 140:146168
GI



I

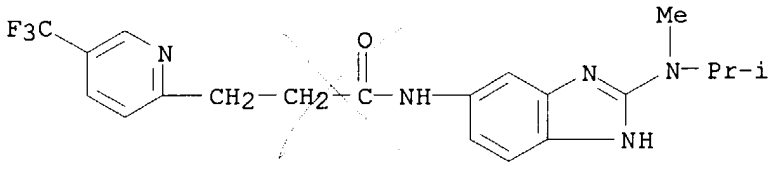
date not good

AB Disclosed are antagonists of melanin-concentrating hormone receptor (MCH) comprising benzimidazole derivs. of the general formula (I) as active ingredients [wherein B1, B2, B3 = H, halo, lower alkyl, lower alkoxy; R1, R2 = H, 3- to 10-membered ring alicyclyl, lower alkyl optionally substituted by 3- to 10-membered ring alicyclyl, 3- to 10-membered ring N-containing aliphatic heterocyclyl; provided that R1 and R2 are not simultaneously H; R3 = H, (un)substituted lower alkyl; R4 = H, lower alkyl; W = a bond, mono- or bicyclic 3- to 10-membered ring aromatic or aliphatic heterocyclyl or carbocyclyl, C2-4 alkylene or alkenylene optionally having a carbon atom replaced by O in the main chain; Ar = mono- or bicyclic aromatic carbocyclyl or heterocyclyl]. Also disclosed are preventives or therapeutic agents containing the compds. I as the active ingredients for (1) metabolic diseases such as obesity, diabetes, hormone secretion abnormality, hyperlipidemia, gout, fatty liver, hepatitis, and liver cirrhosis, (2) circulatory diseases such as angina pectoris, acute ischemic heart failure, myocardial infarction, coronary arteriosclerosis, hypertension, kidney diseases, and electrolyte abnormality, (3) central or peripheral nerve diseases such as overeating, affective disorder, depression, anxiety, delirium, epilepsy, dementia, motor coordination disorder, attention deficiency-hyperactive (hyperkinesis) disorder, memory disorder, sleep disorder, cognition disorder, dyskinesia, sensation abnormality, olfaction disorder, morphine resistance, drug dependence, and alcoholism, (4) reproduction diseases such as sterility, premature labor, and sexual function disorder, (5) digestive tract diseases, (5) cancer, and (6) skin pigmentation. Thus, 5-(4-fluorophenyl)-N-[2-[isopropyl(methyl)amino]-1H-benzimidazol-6-yl]-2-pyrazinecarboxamide hydrochloride showed IC50 of 3.3 nM for inhibiting the binding of [125I]MCH to human MCH-1R and dose-dependently suppressed the MCH-induced feeding of rat.

IT **652978-83-1P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazole derivs. as antagonists of melanin-concentrating
hormone receptor and drugs for central or peripheral nerve diseases, circulatory diseases, and metabolic diseases)

RN 652978-83-1 CAPLUS

CN 2-Pyridinepropanamide, N-[2-[methyl(1-methylethyl)amino]-1H-benzimidazol-6-yl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:796645 CAPLUS
DOCUMENT NUMBER: 139:307687
TITLE: Preparation of (hetero)arylalkanoic acids and esters as LXR agonists
INVENTOR(S): Thompson, Scott K.; Kallander, Lara S.; Ma, Chun; Marino, Joseph P.; Lee, Dennis

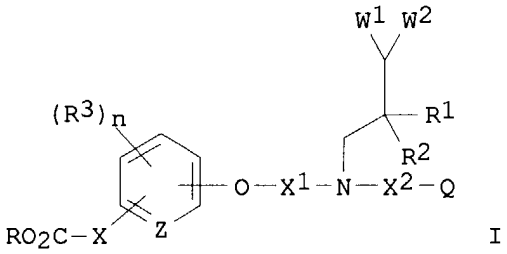
Dated and good

PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
SOURCE: PCT Int. Appl., 101 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082802	A1	20031009	WO 2003-US9278	20030326

W: AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, TN, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-368426P P 20020327
OTHER SOURCE(S): MARPAT 139:307687
GI



I

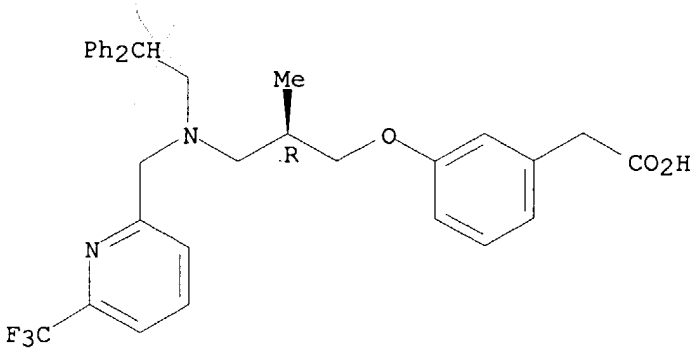
AB Title compds. I [X, X2 = bond, alkylene; X1 = alkylene; Q = (un)substituted cycloalkyl, Ph, heterocyclic; W1, W2 = cycloalkyl, aryl; R = H, alkyl, alkenyl, alkynyl, aralkyl, heterocyclylalkyl, cycloalkylalkyl; R1, R2 = H, alkyl; R3 = halo, CN, NO2, (un)substituted alkyl, alkenyl, alkynyl; Z = (un)substituted CH, N; when Z = (un)substituted CH, n = 0-4; when Z = N, n = 0-3] were prepared for use as LXR agonists in treatment of cardiovascular disease, atherosclerosis, or inflammation (no data). Thus, 3-HOC6H4CH2CO2H was converted to 3-HOC6H4CH2CO2Me and treated with (S)-BrCH2CHMeCH2OH, followed by Ph2CHCH2NH2 and 2,3-Cl(F3C)C6H3CHO to give (S)-3-MeO2CC6H4OCH2CHMeCH2N(CH2CHPh2)CH2C6H3(CF3)Cl-3,2.

IT **610318-08-6P 610318-58-6P**
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of (hetero)arylalkanoic acids and esters as LXR agonists)

RN 610318-08-6 CAPLUS

CN Benzeneacetic acid, 3-[(2R)-3-[(2,2-diphenylethyl)[[6-(trifluoromethyl)-2-pyridinyl]methyl]amino]-2-methylpropoxy]-, monohydrochloride (9CI) (CA INDEX NAME)

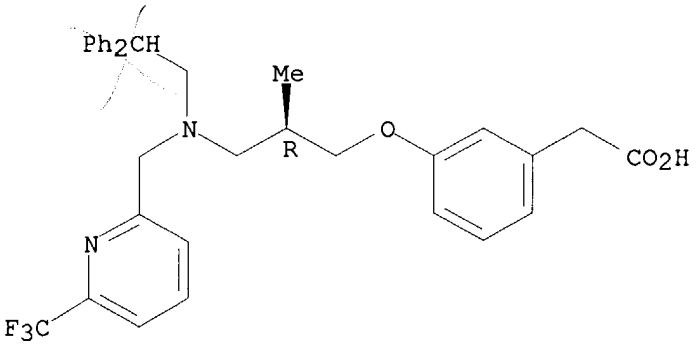
Absolute stereochemistry.



● HCl

RN 610318-58-6 CAPLUS
CN Benzeneacetic acid, 3-[(2R)-3-[(2,2-diphenylethyl)[[6-(trifluoromethyl)-2-pyridinyl]methyl]amino]-2-methylpropoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:777762 CAPLUS
DOCUMENT NUMBER: 139:292162
TITLE: Heteroaromatic ureas as vanilloid receptor (VR1) modulators, in particular antagonists, for treating pain and/or inflammation
INVENTOR(S): Brown, Rebecca Elizabeth; Doughty, Victoria Alexandra; Hollingworth, Gregory John; Jones, A. Brian; Lindon, Matthew John; Moyes, Christopher Richard; Rogers, Lauren
PATENT ASSIGNEE(S): Merck Sharp & Dohme Limited, UK
SOURCE: PCT Int. Appl., 110 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

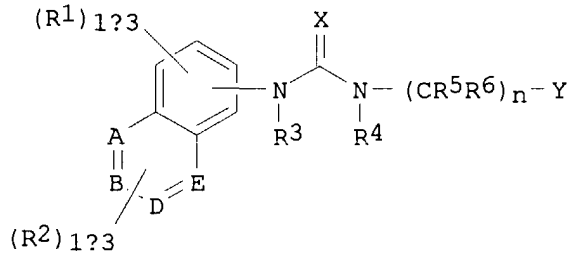
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080578	A1	20031002	WO 2003-GB1302	20030321

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: GB 2002-6876 A 20020322
OTHER SOURCE(S): MARPAT 139:292162

GI



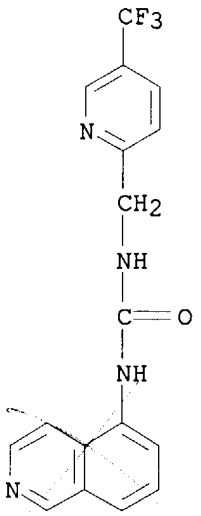
I

AB Title compds. I [wherein A, B, D, E are each C or N with the proviso that one or more are N; R1, R2 = independently H, halo, alk(enyl/ynyl), haloalkyl, hydroxyalkyl, cycloalkyl, cycloalkylalkyl, NH2 and derivs., CO2H and derivs., (un)substituted alkyl, alkoxy; R3, R4 = independently H, alk(en/yn)yl; R5, R6 = at each occurrence, independently H, alk(enyl/ynyl), alkoxy, acyloxy, carboxy and derivs., CONH2 and derivs., sulfonyl(alkyl/amino), aryl, hetero(aryl/cyclyl), (un)substituted alkyl; or CR5R6 = 3-6 carbocyclic membered ring; R7, R8 = at each occurrence, independently H, alk(en/yn)yl, cycloalkyl, fluoroalkyl; or NR7R8 = (un)substituted 4-7 heteroaliph. membered ring; X = O, S or =NCN; Y = aryl, heteroaryl, carbocyclyl, fused carbocyclyl group; n = 0, 1, 2, 3; and their pharmaceutically acceptable salts, N-oxides, and prodrugs] were prepared as vanilloid receptor (VR1) modulators, in particular antagonists, for treating conditions or diseases in which pain and/or inflammation predominates. For example, 1-isoquinolin-5-yl-3-(3-phenylpropyl)urea was prepared by reacting isoquinoline-5-carboxylic acid with diphenylphosphoryl azide in toluene at reflux for 1 h through a Curtius rearrangement, followed by addition of 3-phenylpropylamine and reflux for 18 h. I bound to the VR1 receptor with an IC50 < 1 μM, and in the majority of cases, < 200 nM. I are predominantly VR1 antagonists with a few of them VR1 partial antagonists and VR1 partial agonists. Thus, I and their pharmaceutical compns. are useful for treating pain and/or inflammation.

IT **581812-56-8P**, 1-Isoquinolin-5-yl-3-[[5-(trifluoromethyl)pyridin-2-yl]methyl]urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(VR1 receptor ligand; preparation of heteroarom. ureas as vanilloid receptor modulators for treating pain and inflammation)

RN 581812-56-8 CAPLUS

CN Urea, N-5-isoquinolinyl-N'-[[5-(trifluoromethyl)-2-pyridinyl]methyl]-
(9CI) (CA INDEX NAME)



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:656417 CAPLUS
DOCUMENT NUMBER: 139:197383
TITLE: Preparation of fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1)
INVENTOR(S): Lee, Chih-Hung; Bayburt, Erol K.; Didomenico, Stanley; Drizin, Irene; Gomtsyan, Arthur R.; Koenig, John R.; Perner, Richard J.; Schmidt, Robert G.; Turner, Sean C.; White, Tammie K.; Zheng, Guo Zhu
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 79 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

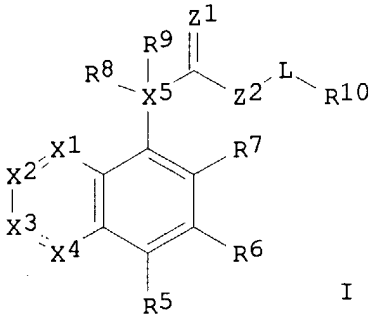
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003158198	A1	20030821	US 2003-364210	20030211
WO 2003070247	A1	20030828	WO 2003-US4187	20030211

W: CA, JP, MX
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR

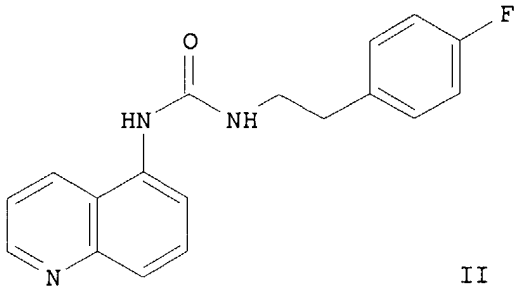
PRIORITY APPLN. INFO.:			
US 2002-358220P	P	20020220	
US 2002-79324	A	20020220	
US 2003-364210	A	20030211	

OTHER SOURCE(S): MARPAT 139:197383
GI

data not good



I



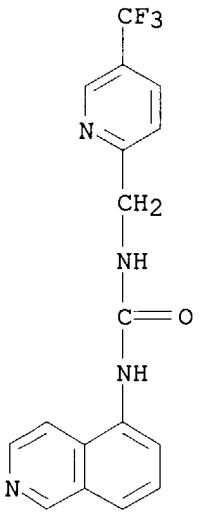
II

AB Compds. of formula I [X1-X5 = (substituted) N, (substituted) CH; Z1 = O, NH, S; Z2 = bond, NH, O; L = alkylene, cycloalkylene, piperazinediyl, etc.; R5-R9 = H, alkyl, alkenyl, alkoxy, carboxy, cycloalkyl, formyl, mercapto, etc.; R10 = H, aryl, cycloalkyl, heterocyclyl] are prepared as vanilloid receptor subtype 1 (VR1) antagonists that are useful in treating pain, inflammatory thermal hyperalgesia, urinary incontinence and bladder overactivity. Thus, II was prepared from 5-aminoisoquinoline and 2-(3-fluorophenyl)ethylamine. The prepared compds. were found to be antagonists of VR1 with IC50 of.1 nM to 1000 nM.

IT **581812-56-8P 581813-96-9P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fused azabicyclic compds. as vanilloid receptor 1 inhibitors)

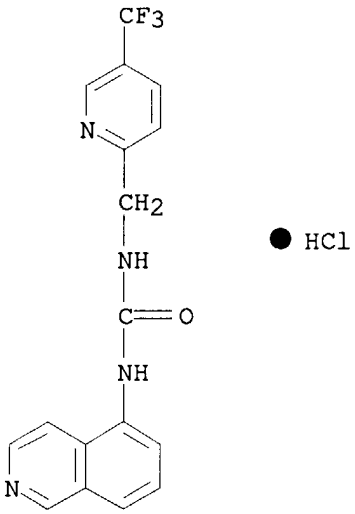
RN 581812-56-8 CAPLUS

CN Urea, N-5-isoquinolinyl-N'-[[5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



RN 581813-96-9 CAPLUS

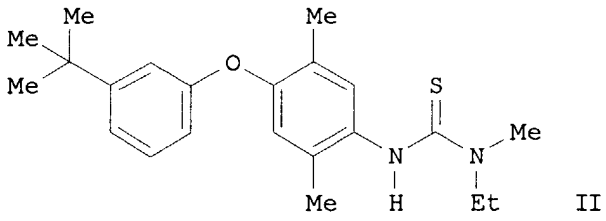
CN Urea, N-5-isoquinolinyl-N'-[[5-(trifluoromethyl)-2-pyridinyl]methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



L17 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2002:104657 CAPLUS
DOCUMENT NUMBER: 136:151003
TITLE: Preparation of N-[(aryloxy)phenyl](thio)ureas and -carbamates as agrochemical fungicides
INVENTOR(S): Gerusz, Vincent; Mansfield, Darren James; Perez, Jose; Tickle, David; Vors, Jean-Pierre; Baldwin, Derek; Hough, Thomas; Mitchell, Dale Robert
PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1178039	A1	20020206	EP 2001-420173	20010801
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2812633	A1	20020208	FR 2000-10305	20000804
JP 2002114751	A2	20020416	JP 2001-238513	20010806
US 2003008884	A1	20030109	US 2001-923124	20010806
US 6696487	B2	20040224		

PRIORITY APPLN. INFO.: FR 2000-10305 A 20000804
OTHER SOURCE(S): MARPAT 136:151003
GI



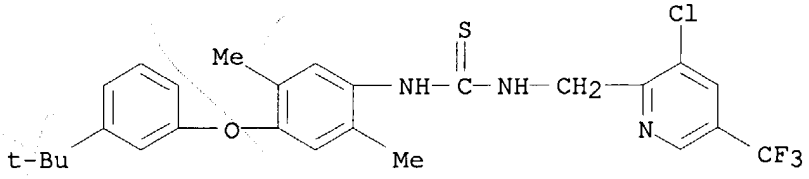
II

AB R6Z1NRC(:X)R5 [I; R = H, alkyl, etc.; R5 = NR1R2, OR3, SR3; R1,R2 = H, alkyl, acyl, etc.; RR1, RR3, R1R2 = atoms to complete a ring; R3 = H, alkyl, etc.; R6 = 2-benzothienyl, 5-tert-butyl-1,3,4-oxadiazol-2-yl, substituted Ph, etc.; X = O or S; Z = bond, O, CO, SO0-2, NH, etc.; Z1 = e.g., 2,5-dimethyl-1,4-phenylene] were prepared Thus, 2-chloro-1,4-xylene was nitrated and the product etherified by 3-(Me3C)C6H4OH to give, after reduction, the phenoxyanilline which was treated with Cl2CS and the product amidated by HNMeEt to give title compound II. Data for biol. activity of I were given.

IT **395658-05-6P**
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-[(aryloxy)phenyl](thio)ureas and -carbamates as agrochem. fungicides)

RN 395658-05-6 CAPLUS

CN Thiourea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:851122 CAPLUS

DOCUMENT NUMBER: 135:371759

TITLE: Preparation of N-imidazolylphenyl-5,6-dihydrobenzo[h]quinazolin-4-amines and other N-containing heterocyclic amines as 5-hydroxytryptamine antagonists for treatment of CNS disorders

INVENTOR(S): Yamada, Akira; Spears, Glen; Hayashida, Hisashi; Tomishima, Masaki; Ito, Kiyotaka; Imanishi, Masashi

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001087845	A2	20011122	WO 2001-JP4002	20010514
WO 2001087845	A3	20020829		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

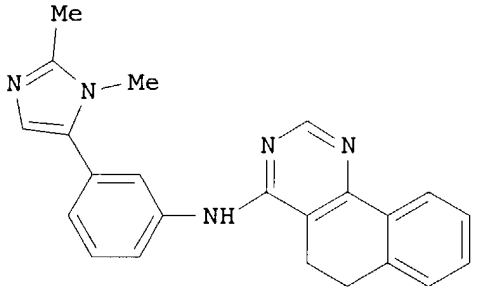
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001056728	A5	20011126	AU 2001-56728	20010514
US 2003176454	A1	20030918	US 2002-258582	20021101

PRIORITY APPLN. INFO.:
AU 2000-7501 A 20000515
AU 2000-1955 A 20001207
WO 2001-JP4002 W 20010514

OTHER SOURCE(S): MARPAT 135:371759

GI



II

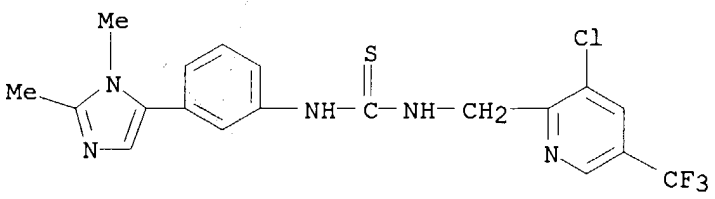
AB Title compds. AMQNHZ [I; wherein A = H, (un)substituted, unsatd., N-containing heterocyclic group, or C(NH)NHR; R = (un)substituted aryl or heterocyclic group; M = (CH2)n, (CH2)nO(CH2)m, or (CH2)nNH(CH2)m; n and m = independently 0-2; Q = (un)substituted cycloalkylene group, arylene, or divalent heterocyclic group; Z = (un)substituted, unsatd., mono-, di-, tri-, or tetra-cyclic, N-containing heterocyclic group which may contain addnl. N, O, and S atoms as the ring member(s), e.g. indeno[1,2,3-de]phthalazinyl or 5,6-dihydrobenzo[h]quinazolinyl; and the prodrugs or pharmaceutically acceptable salts thereof] were prepared For example, a mixture of 4-chloro-5,6-dihydrobenzo[h]quinazoline, 3-(1,2-dimethyl-1H-imidazol-5-yl)aniline, and 1,3-dimethyl-2-imidazolidinone was heated for an hour at 200°C, cooled, treated with 1N aqueous NaOH and water, and worked up to give II. I are 5-hydroxytryptamine (5-HT) antagonists useful for the prevention and/or treatment of central nervous system (CNS) disorders, such as anxiety, depression, obsessive compulsive disorders, migraine, anorexia, Alzheimer's disease, sleep disorders, bulimia, panic attacks, withdrawal from drug abuse, schizophrenia, and disorders associated with spinal trauma and/or head injury (no data).

IT **374555-05-2P**, N-[[3-Chloro-5-(trifluoromethyl)-2-pyridyl]methyl]-N'-[3-(1,2-dimethyl-1H-imidazol-5-yl)phenyl]thiourea
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of N-(imidazolylphenyl)dihydrobenzo[h]quinazolina

mines and other N-containing heterocyclic amines as 5-hydroxytryptamine antagonists for treatment of CNS disorders)

RN 374555-05-2 CAPLUS

CN Thiourea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-[3-(1,2-dimethyl-1H-imidazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)



L17 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:136943 CAPLUS

DOCUMENT NUMBER: 134:174246

TITLE: Preparation of pyridine derivative fungicides

INVENTOR(S): Cooke, Tracey; Hardy, David; Moloney, Brian; Thomas, Peter Stanley; Steele, Chris Richard; Briggs, Geoffrey Gower

PATENT ASSIGNEE(S): Aventis CropScience GmbH, Germany

SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001011965	A1	20010222	WO 2000-EP8143	20000809
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013371	A	20020507	BR 2000-13371	20000809
EP 1204323	A1	20020515	EP 2000-960499	20000809
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003506465	T2	20030218	JP 2001-516328	20000809

PRIORITY APPLN. INFO.: GB 1999-19499 A 19990818
GB 1999-19500 A 19990818
WO 2000-EP8143 W 20000809

OTHER SOURCE(S): MARPAT 134:174246

AB The pyridine derivs. A1CR1R2LA2 [A1 = (un)substituted 2-pyridyl or its N-oxide; Y = LA2 or L1A3; A2, A3 = (un)substituted carbocyclyl or heterocyclyl; L = NR5C(:X)NR6, NR5C(:X)CHR3, CHR3NR5CHR4, etc.; L1 = NR9C(:X)X1CHR7, NR9C(:X)CHR7CHR8, etc.; R1-9 = CN, NO2, halo, etc.] are prepared as agrochem. fungicides.

IT **264225-99-2P 264226-00-8P 326814-83-9P 326814-84-0P 326814-85-1P 326814-86-2P**

326814-87-3P 326814-88-4P 326814-89-5P
326814-90-8P 326814-91-9P 326814-92-0P
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326814-96-4P 326814-97-5P 326814-98-6P
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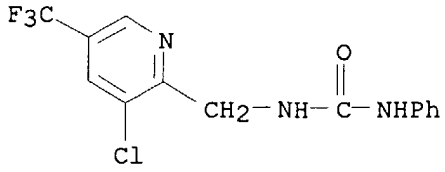
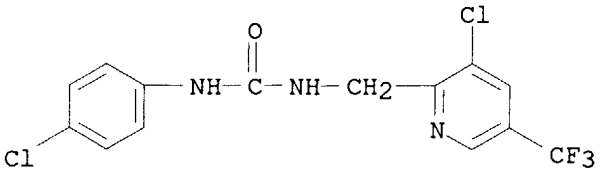
326816-31-3P 326816-32-4P 326816-33-5P
326816-34-6P 326816-35-7P 326816-73-3P
326816-78-8P 326817-11-2P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as fungicide)

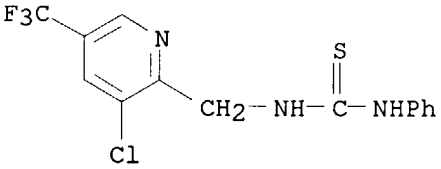
RN 264225-99-2 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-phenyl- (9CI) (CA INDEX NAME)



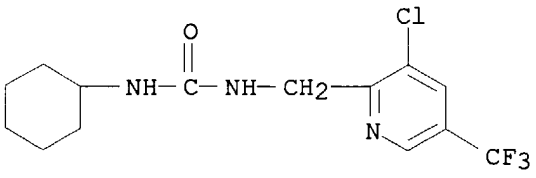
RN 264226-00-8 CAPLUS
CN Urea, N-(4-chlorophenyl)-N'-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



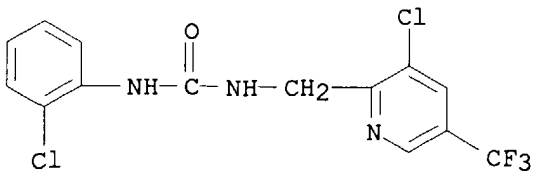
RN 326814-83-9 CAPLUS
CN Thiourea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-phenyl- (9CI) (CA INDEX NAME)



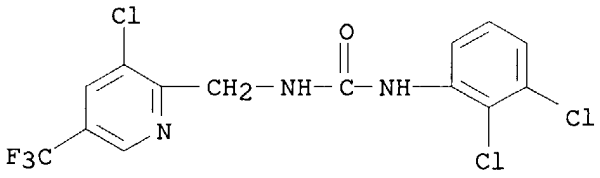
RN 326814-84-0 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-cyclohexyl- (9CI) (CA INDEX NAME)



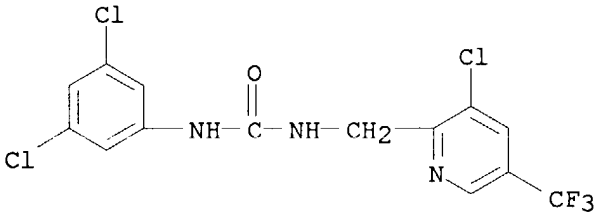
RN 326814-85-1 CAPLUS
CN Urea, N-(2-chlorophenyl)-N'-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



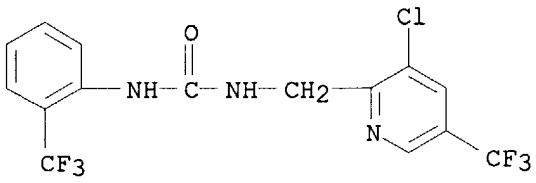
RN 326814-86-2 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-(2,3-dichlorophenyl)- (9CI) (CA INDEX NAME)



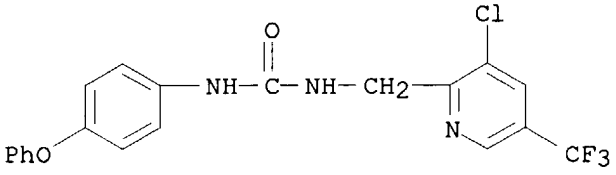
RN 326814-87-3 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-(3,5-dichlorophenyl)- (9CI) (CA INDEX NAME)



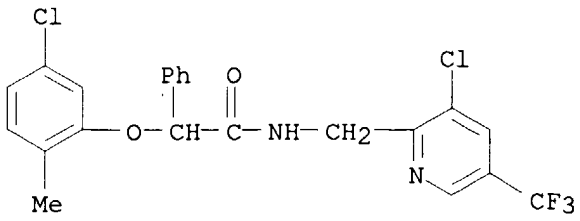
RN 326814-88-4 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-[2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



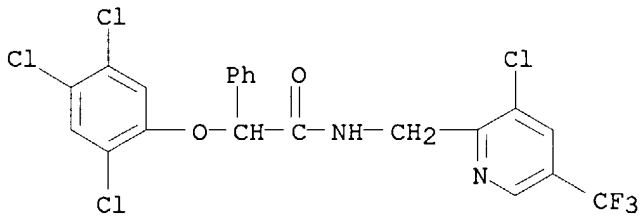
RN 326814-89-5 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



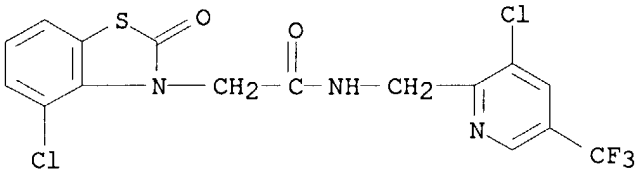
RN 326814-90-8 CAPLUS
CN Urea, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-N'-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



RN 326816-78-8 CAPLUS
CN Benzeneacetamide, N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-α-(2,4,5-trichlorophenoxy)- (9CI) (CA INDEX NAME)



RN 326817-11-2 CAPLUS
CN 3(2H)-Benzothiazoleacetamide, 4-chloro-N-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]methyl]-2-oxo- (9CI) (CA INDEX NAME)



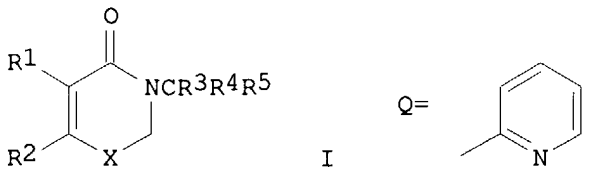
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:928190 CAPLUS
DOCUMENT NUMBER: 123:340162
TITLE: Preparation of dihydrooxazines and analogs as herbicides
INVENTOR(S): Go, Atsushi; Usui, Yoshihiro; Takahashi, Takako; Mukoda, Hideji
PATENT ASSIGNEE(S): Mitsubishi Kagaku KK, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07188225	A2	19950725	JP 1993-328534	19931224

PRIORITY APPLN. INFO.: JP 1993-328534 19931224

OTHER SOURCE(S): MARPAT 123:340162
GI

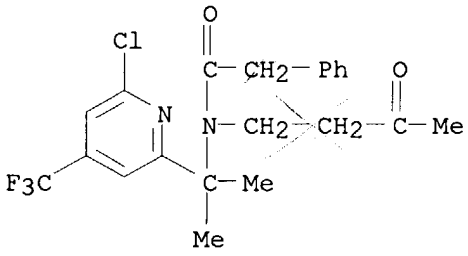


I

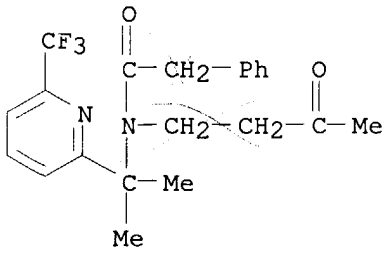
AB The title compds. I [R1 = (un)substituted aryl, etc.; R2 = H, alkyl; R3 = heterocyclic ring (further details on said ring are given); R4, R5 = alkyl; X = O, etc.] are prepared I [R1 = phenyl; R2 = R4 = R5 = methyl; R3 = Q] (II) (preparation given) at 1000 g/ha gave 90 - 100% control of Scirpus juncoides and barnyard grass and caused no damage to rice plants. II at 1000 g/ha gave 80 - 90% control of Monochoria vaginalis. The herbicidal activities of compds. of this invention are given in 4 tables in this document.

IT **170438-31-0 170438-32-1**
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of dihydrooxazines and analogs as herbicides)

RN 170438-31-0 CAPLUS
CN Benzeneacetamide, N-[1-[6-chloro-4-(trifluoromethyl)-2-pyridinyl]-1-methylethyl]-N-(3-oxobutyl)- (9CI) (CA INDEX NAME)



RN 170438-32-1 CAPLUS
CN Benzeneacetamide, N-[1-methyl-1-[6-(trifluoromethyl)-2-pyridinyl]ethyl]-N-(3-oxobutyl)- (9CI) (CA INDEX NAME)



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